WHIRLPOOL ELECTRICAL APPLIANCES COMPANY LIMITED

SERVICE INFO MANUAL

MODEL: **6AT326/WH**

SKU No.: **8587 326 53291**

DATE: **Nov. 8 , 2004**

REVISION: **a**

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1. INTRODUCTION SAFETY

INTRODUCTION

Before leaving the factory each oven is carefully checked.
It must, however, be installed and used correctly.

Despite all the steps taken to make the oven safe, the safety is dependent on the correct installation and the fact the user understands how to use and maintain the oven.

The information in this section should be used as a reminder that the oven is saft and that anyone who uses it must first read the instructions for use in order to be able to use the oven correctly and obtain best results.

SAFETY

To avoid injury to yourself and damage to the appliance always work to the following rules when servicing an oven.

Always disconnect the plug from the mains before starting work.

If there is no plug switch off the electric supply at the control box.

When you have finished servicing an oven before you reconnect it to the mains, make sure that:
- all the internal connections are correct
- the wires are insulated and not touching the door or the cabinet or anything sharp
- all the earth connections are electrically and mechanically sound
- do not modify or anyway interfere with the safety devices built-in to the oven

- make sure that each replacement part you use conforms to the manufacturer's specifications

Do not start a repair if you have any doubt as to your ability to complete it.

CAUTION – MICROWAVE RADIATION

PERSONNEL SHOULD NOT BE EXPOSED TO THE MICROWAVE ENERGY WHICH MAY RADIATE FROM THE MAGNETRON, WAVEGUIDE OR ANTENNA IF THEY ARE IMPROPERLY USED OR CONNECTED. ALL INPUT AND OUTPUT MICROWAVE CONNECTTIONS, WAVEGUIDES, FLANGES AND GASKETS MUST BE SECURE.
NEVER OPERATE THE DEVICE WITHOUT A MICROWAVE ENERGY ABSORBING LOAD ATTACHED.
NEVER LOOK INTO AN OPEN WAVEGUIDE OR ANTENNA WHILE THE DEVICE IS ENERGIZED.
NEVER OPERATE AN OVEN WITH CABINET OFF WITHOUT MEASURING THE MICROWAVE LEAKAGE AROUND MAGNETRON AND VISIBLE MICROWAVE CONNECTIONS (WELDING JOINTS).

Do not operate the oven if the following conditions exist:
- the door does not close firmly against the door support because of the door being warped or the hinged damaged.
- the door trims or seals are damaged.
- if there is any visible damage to the oven.
- if the door does not close properly.

Avoid operating the oven if known components in the interlock system, oven door or microwave generating assemble are known defective. They must be replaced.

WARNING – HIGH VOLTAGE

IT IS POSSIBLE TO COME IN CONTACT WITH LETHAL HIGH VOLTAGE WHEN WORKING WITH HV TRANSFORMER, HV CAPACITOR AND MAGNETRON. THEREFORE NEVER TRY TO MEASURE THE HIGH VOLTAGE. ALWAYS TAKE UTMOST CARE WHEN PERFORMING ELECTRIC MEASUREMENTS INSIDE THE OVEN.

2. TECHNICAL DATA

Dimensions of cabinet

Height	293	mm
Width	525	mm
Depth	434	mm

Dimensions of cavity

Height	180	mm
Width	325	mm
Depth	341-312	mm
Cavity volume	22	l
Turntable diameter	280	mm

Weight

Net	17.5	kg

Electrical

Voltage	230-240	V
Frequency	50	Hz

Power

Output power MW	900	W
Grill	700	W
Microwave frequency	2450	MHz

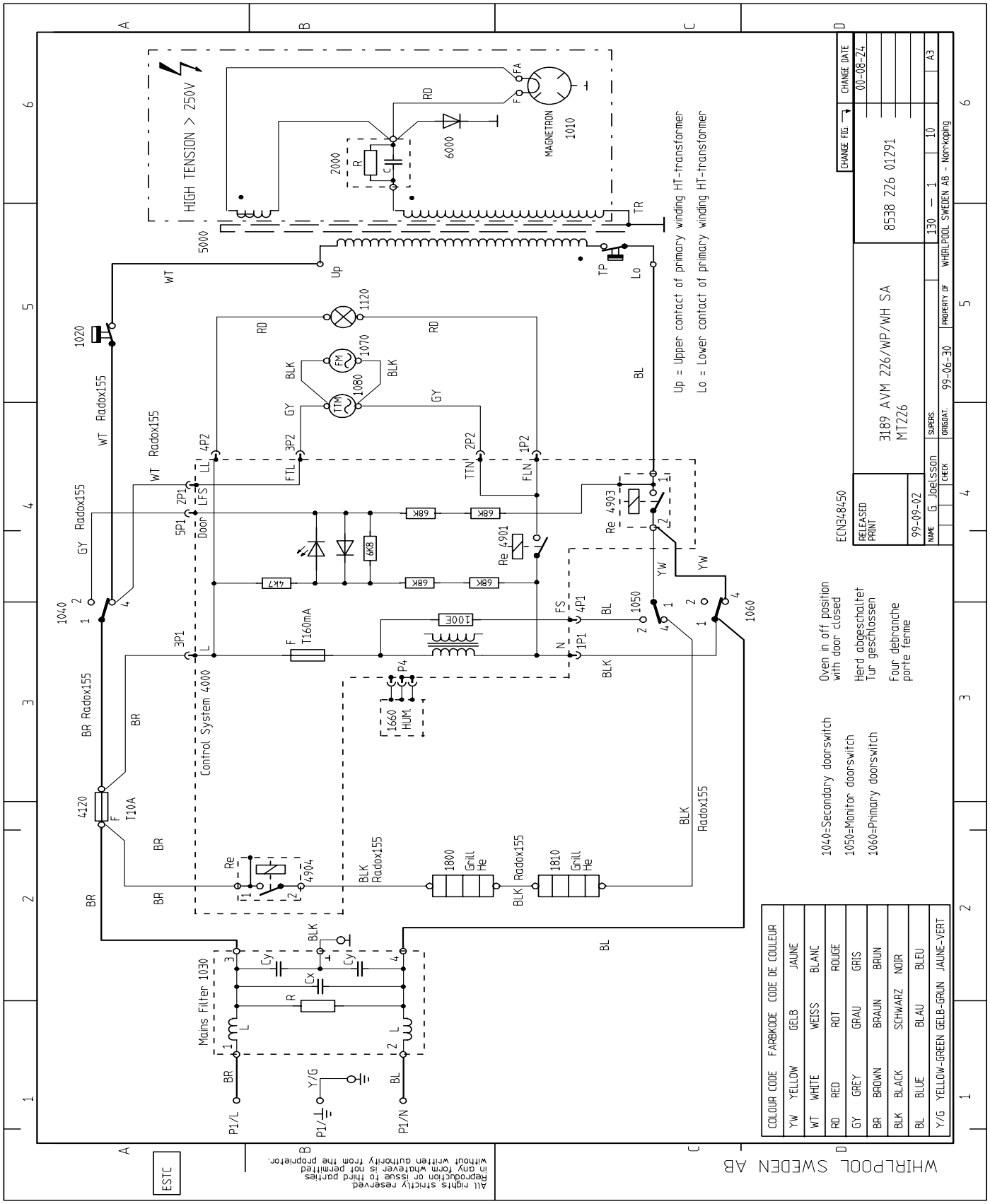
Timer

	90	min

Features

- 6 th Sense control
- Combination MW + Grill
- Jet start
- Crisp function
- Keep warm function
- 8 power levels
- Child lock
- 24 hour clock

3. WIRING DIAGRAM


HIGH TENSION > 250V
MAGNETRON 1010
Control System 4000
Mains Filter 1030
Up = Upper contact of primary winding HT-transformer
Lo = Lower contact of primary winding HT-transformer
Oven in off position with door closed
Herd abgeschaltet Tür geschlossen
Four débranché porte fermée
1040=Secondary doorswitch
1050=Monitor doorswitch
1060=Primary doorswitch
3189 AVM 226/WP/WH SA
MT226
8538 226 01291
ECN348450
WHIRLPOOL SWEDEN AB
ESTC
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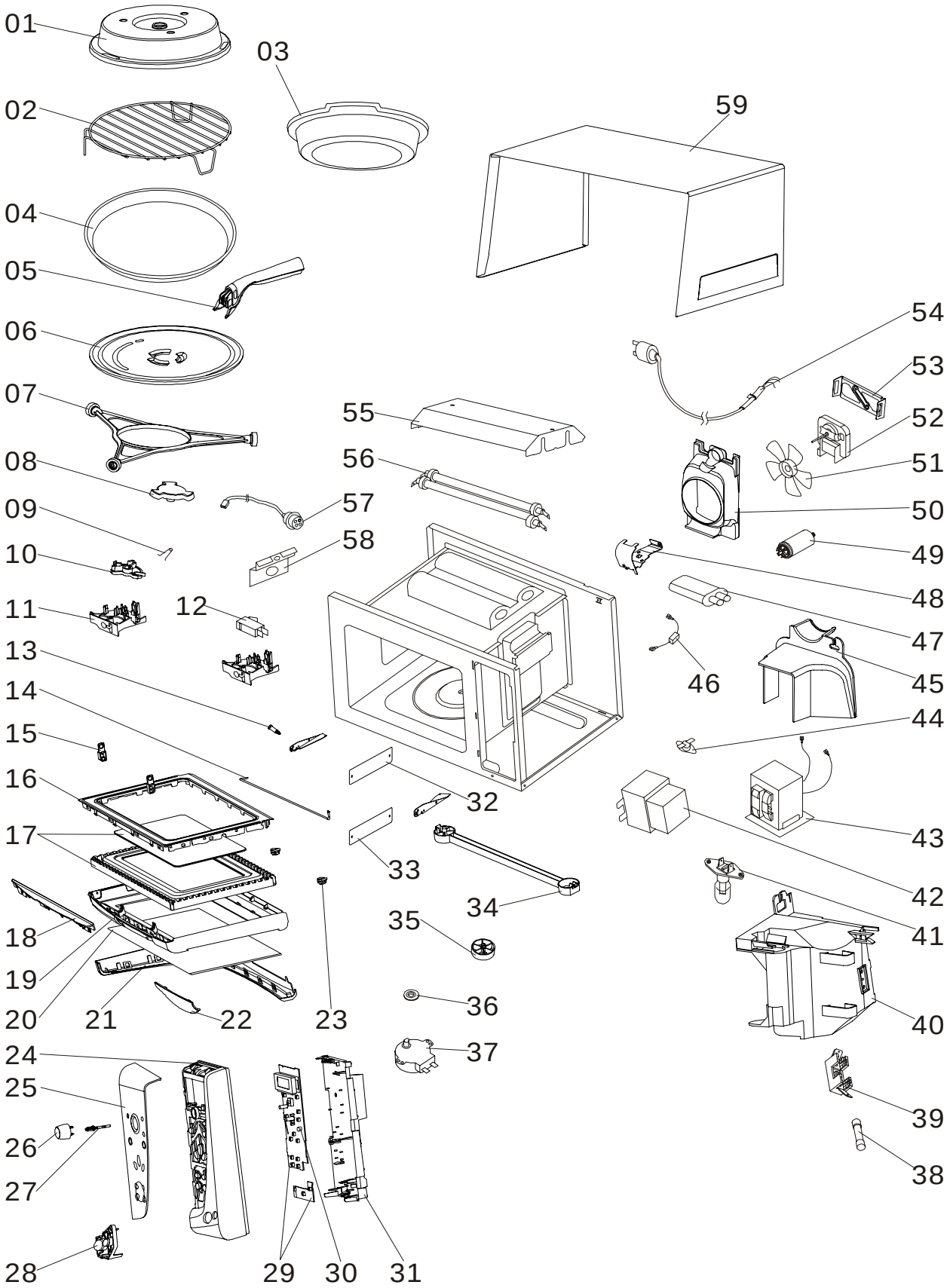
COLOUR CODE	FARBKODE	CODE DE COULEUR	
YW	YELLOW	GELB	JAUNE
WT	WHITE	WEISS	BLANC
RD	RED	ROT	ROUGE
GY	GREY	GRAU	GRIS
BR	BROWN	BRAUN	BRUN
BLK	BLACK	SCHWARZ	NOIR
BL	BLUE	BLAU	BLEU
Y/G	YELLOW-GREEN	GELB-GRUN	JAUNE-VERT

4. EXPLODED VIEW



5. SPARE PART LIST

Item no.	Description	Service part no.	Item no.	Description	Service part no.
01	Plate cover	4619-641-94101	31	PCB holder	4619-641-90911
02	Grill grid	4231-075-58783	32	Mica plate upper	4619-674-50791
03	Steam cook accessory	4619-656-97801	33	Mica plate lower	4619-674-50801
04	Crisp plate	4619-640-35331	34	Foot back	4619-641-91361
05	Handle crisp plate	4619-641-93451	35	Oven foot	4619-641-92041
06	Glass tray	4619-656-96161	36	Rubber ring	4619-677-00141
07	TT-ring assy	4619-641-91281	37	TT-motor	4619-647-81861
08	TT-drive	4619-641-91291	38	Fuse	2419-086-00051
09	Spring	4619-644-13911	39	Fuse hold	2419-085-00053
10	Cam plate	4619-641-91311	40	Cavity channel	4619-641-91831
11	Switch holder	4619-641-91301	41	Cavity lamp	4619-678-44691
12	Switch	2419-120-00026	42	Magnetron	4619-678-44351
13	Hinge pin left	4619-644-13221	43	HT-trafo	4619-648-78651
14	Torsion spring	4619-675-70291	44	Therm	4619-648-79491
15	Locking hook	4619-641-91382	45	Magnetron guide	4619-641-91331
16	Inner frame	4619-641-91991	46	HV-rectifier	4619-646-98381
17	Door plate service assy	4619-640-36741	47	HV-cap	4619-646-54691
18	Handle cover	4619-641-93311	48	Capacitor clamp	4619-644-13261
19	Out frame	4619-641-92942	49	Mains filter	4619-678-42621
20	Front glass plate	4619-656-97441	50	Fan channel	4619-641-91321
21	Decor part door	4619-641-90871	51	Fan wheel assy	4619-641-93541
22	Door handle	4619-641-91691	52	Blower motor	4619-647-82101
23	Camma	4619-641-91881	53	Fan motor bracket	4619-644-13251
24	Panel	4619-641-98221	54	Power cord	4619-647-60681
25	Panel cover	4619-641-98241	55	Insulation plate	4619-644-13642
26	Timer knob	4619-641-92761	56	Quartz tube	4619-648-79451
27	Timer knob axis	4619-641-91521	57	Humidity sensor	4619-678-44991
28	Start / stop button	4619-641-90902	58	Fuzzy holder	4619-644-13551
29	PCB assy	4619-640-32651	59	Outer wrapping	4619-644-13201
30	Fuse (T160mA)	2419-086-00058			

Revision Log

Revision	Description	Revised by	Revision Date
0	Original Revision	Wang wei guo	Jan. 30, 2004
a	Revising PN in the service part list	Liang min yi	Nov.8,2004